

Work Order ID 149915

August 11, 2016 11:03:02 AM

149915

Page 1

Item ID: 649.4701 Accept ***N900040100*** Setup Start ***NS1***
Revision ID: Stop ***NS2***
Item Name: AW119 Cable Cutter System
Start Date: 8/11/2016 Start Qty: 1.00 ***1*** Cust Item ID:
Required Date: 8/11/2016 Req'd Qty: 1.00 ***1*** Customer:
Reference: UPDATE KIT AS PER ECN16-627 **REWORK**
Approvals: Process Plan: SA Date: AUG 11 2016 Tooling: _____ Date: _____ Run Start ***NR1***
QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
649.4700	C								

101

0.00

101

QC

Quality Control

Memo

0.00

PULL FROM STOCK 649.4701 B149526 TO RE-WORK AS PER ECN16-627

— ADD QTY 2 649.4812 B 92929— ADD QTY 2 649.4813 B 92930— ADD QTY 2 649.4816 B 126245 **PC**

QTY 4 649.4817 B149917 SHIM WILL BE ADDED AT A LATER DATE

DAS

27

9-89

AUG 11 2016

AUG 11 2016

102

QC4- 100% Inspect kits for completeness

0.00

102

QC

Quality Control

Memo

0.00

DAS

27

9-89

AUG 11 2016

DQA: _____ Date: _____

**WORK ORDER NON-CONFORMANCE / UPDATE**

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐																																																											
Date : _____		Step #: _____		QTY Effective : _____			MRB (QSI042) Approval																																																								
Description Work Order Deviation				Disposition				Completed By _____ Lead hand / Supervisor Approval Verification _____ QC / QA Coordinator Approval _____																																																							
Root Cause		FAULT CATEGORY																																																													
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐	Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐	Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐	Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐	Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐	Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐	Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐	Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐	LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐	Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐	Past Expiry Date ☐	Manufacturing Process ☐	OTHER : _____	
Misidentified ☐	Past Due ☐																																																														

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Page 2

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Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____ Run Start ***NR1***
QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
130	Packaging	0.00							
130						DAS			
Packaging	Memo	0.00				27			
Packaging	RE IDENTIFY WITH NEW B/N					9-89			
	Pack for shipping as per PPP 649.4701								
	Location: <u>18101</u>								
140	QC21- Final Inspection - Work Order Release	0.00							
140									
QC	Memo	0.02							
Quality Control									

AUG 11 2016

16/8/11

SJ AUG 11 2016

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐																																																													
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Misidentified ☐	Past Due ☐																																																																

Picklist Print

August 11, 2016 11:03:16 AM

Page 1

Work Order ID: 149915

149915

Parent Item: 649.4701

649 4701

Parent Item Name: AW119 Cable Cutter System

Start Date: 8/11/2016

Required Date: 8/11/2016

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP REV:A 12.11.05 NEW ISSUE DD VERF:JLM IPP
REV:B AS PER ECR 12-54 13-07-09 JLM VERIFIED BY:DD
IPP REV:C 16.08.11 AS PER DWG REV.C DD VERF:JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
649.4701 *649 4701* AW119 Cable Cutter System DAS 27 9-89		Manufactured	No				Each	1.0000	**	1 SA		B149526 AUG 11 2016	
				<u>Location</u>			<u>Loc Qty</u>	<u>Loc Code</u>					
				FG101			1						
				145289			1						
649.4812 *649 4812* Shim DAS 27 9-89		Manufactured	No				Each	11.0000	**	2		PC	
				<u>Location</u>			<u>Loc Qty</u>	<u>Loc Code</u>					
				CCK062			11						
				131150			8						
				92929			3			2			
649.4813 *649 4813* Shim DAS 27 9-89		Manufactured	No				Each	22.0000	**	2		PC	
				<u>Location</u>			<u>Loc Qty</u>	<u>Loc Code</u>					
				CCK121			22						
				92930			22			2			
649.4816 *649 4816* Doubler DAS 27 9-89		Manufactured	No				Each	10.0000	**	2		PC	
				<u>Location</u>			<u>Loc Qty</u>	<u>Loc Code</u>					
				CCK063			10						
				126245			10			2		AUG 11 2016	

Shirley Hay

From: Patrick Smith
Sent: August 11, 2016 11:01 AM
To: Lori Morris; Jean-Luc Menard; Kim Johnston; Lisa McMachen; Shirley Hay; Caitlin Crooks; Denis Maranda
Cc: Linda Lacelle; David Duval
Subject: RE: ECN16-627 releasing 649.4800 Rev B should be ECN16-628

Lori,

I don't think this will prevent us from shipping, we need to notify the customer and we can ship at a later date.

Pat

From: Lori Morris
Sent: Thursday, August 11, 2016 10:45 AM
To: Jean-Luc Menard <jmenard@dartaero.com>; Kim Johnston <kjohnston@dartaero.com>; Patrick Smith <psmith@dartaero.com>; Lisa McMachen <lmcmachen@dartaero.com>; Shirley Hay <shay@dartaero.com>; Caitlin Crooks <ccrooks@dartaero.com>; Denis Maranda <dmaranda@dartaero.com>
Cc: Linda Lacelle <llacelle@dartaero.com>; David Duval <dduval@dartaero.com>
Subject: RE: ECN16-627 releasing 649.4800 Rev B should be ECN16-628

Hi All,

We have a 649.4701 that is due to ship to Augusta tomorrow. It was ordered July 12th.
The ECN was received yesterday. There is a new shim 649.4817 added to the BOM. We have no stock, and it requires outsourcing for anodize.
Do we ship the kit without these parts, and ship later, or hold the shipment and miss the date?

Please advise

Thanks
Lori

From: Jean-Luc Menard
Sent: Thursday, August 11, 2016 10:10 AM
To: Kim Johnston <kjohnston@dartaero.com>; Patrick Smith <psmith@dartaero.com>; Lisa McMachen <lmcmachen@dartaero.com>; Shirley Hay <shay@dartaero.com>; Lori Morris <lmorris@dartaero.com>
Cc: Linda Lacelle <llacelle@dartaero.com>; David Duval <dduval@dartaero.com>
Subject: RE: ECN16-627 releasing 649.4800 Rev B should be ECN16-628

Attached is the BOM ,I have high lighted the Items that have changed qty's and one new part has been added.
I see two kits of 649.4701 in stock,they will have to updated.
JL

From: Kim Johnston
Sent: Thursday, August 11, 2016 9:39 AM
To: Patrick Smith <psmith@dartaero.com>; Lisa McMachen <lmcmachen@dartaero.com>; Shirley Hay

ENGINEERING CHANGE NOTICE

DART AEROSPACE LTD

Date: 16.08.09	Job No.:	ADR Yes/No:	ADR Date:	ECN #: 16- 627
Product No.: Apical 119-2		Created By: KJ	Approved By: 	
Product Name: Cable Cutters		Checked By: 		

Distribution	Reqd	Resp	Initial / Date (YY/MM/DD)	Distribution	Reqd	Resp	Initial / Date (YY/MM/DD)
Director of Operations	N	DM		DQA / QA Coord.	Y	PS / ED	
Production Manager / Coord.	Y	MP / MF		QC Coordinator	Y	PD	
Purchasing Manager / Purchasing Coord.	N	LL / CL		Customer Support	Y	SW / LM	
Production Engineering Coord.	Y	DD / JLM		Customer Technical Support	Y	MB / HS	
Production Engineering Coord.	N	DL		Marketing	N	SL / WR	
Customer Order Processing	N	SL / BG		Dist. Management Coord.	N	HM	

Reason for Change:

Incorporated ECN 03732, 03885, 04486, 05503

Documents Affected:

Release 649.4700 Rev C

IF APPLICABLE: NCR: _____ PAR: _____ CAR: _____ CIR: _____ URF: _____

PAPERWORK UPDATE ☐

PARTS MUST COMPLY ☒

PREVIOUS PARTS SATISFACTORY ☐

#	Quality Assurance Actions	Reqd	Resp	Notes	Complete
1	Notify Previous Customers	N			
2	Notify Eurocopter France	N			
3	Notify Augusta Westland	N			
4	Manufacturing Licensing Agreement Update	N			

#	Engineering Actions	Reqd	Resp	Notes	Complete
5	Required Documents/Drawings/Item ID's Under Review (URF)	N			
6	Update Master Document List (MDL)	N			
7	Update Document Record (DR)	N			
8	Update Product Compatability Matrix	N			
9	Notify TC / FAA of Change (eg. ICA, 8110-3)	N			
10					

#	Document Control Actions	Reqd	Resp	Notes	Complete
11	Move / Update Electronic Files / Design Journal	N			
12	Update Product Specification Files (Bluefiles)	N			
13	Update Approved/Preliminary Dwg PDF Files	Y	KJ		16.08.09 
14	Update Product Development Summary (STC applications)	N			
15	Update QSI 021 (TC/FAA STC) and/or STC Approval List	N			
16	Create/Update Parts / STC Database	N			
17	Update / Verify Airworthiness Release Certificate Database	N			
18	Create / Update Change Record Form / Item Card Database	N			
19	Create / Update Packaging Process Plan (PPP)	N			
20	Red Decals required on Packaging Process Plan (PPP)?	N			
21	Update Controlled Supplier Documents (Qpulse) Database	N			
22	Update Grey Project Binder / Electronic Project Folder	N			
23	Update D-Part / M-Drawing / DSI / DEO Master Binders	N			
24	Update "Royalty Paid to" attribute (Parts sold under Dart USA STC's)	N			
25					

Description / Action:

Update BOM's and Routes per latest approved drawing

ECN Verified & Complete: _____ Date: _____